

FIG. 1

10

```

M:= (XXT·XX)      N:= (XXT·YY)
P:= M+OX          Q:= N+OY
bigβ:= P1·Q
augX:= X
augXn,4:= 0
augXX:= XX
augXXn,4:= 0
bidel:= 4..rows(β)      newdels:= 0
TREND:=(bigβ2)·60      newdels:= if(rows(β)>3,βbidel,0)
TREND2:=[(bigβ4)·60]+TREND
  
```

non-scalar value

FIG. 2

OX:=READPRN(oldxtx) OY:=READPRN(olddxy) OD:=READPRN(olddeliveries)

od:=0

rows(OD)
od:= $\sum_{j=1}^{OD_j}$ OD_j

XX_{1,1} := 1

YY_{1,1} := Y_{1,1}-od

XX_{n,1} := 1

YY_{n,1} := (Y_{n,1}-od)-if[(rows(Num_Del)>1),if[(Comp_{n,11})>(Num_Del_{n,2}),β_h+β_{shift},0],0]

XX_{1,2} := $\left(\frac{Comp_{1,11}}{60}\right) \cdot (-1)$

XX_{n,2} := $\left(\frac{Comp_{n,11}}{60}\right) \cdot (-1)$

XX_{1,3} := (Comp_{1,12}) · (-1)

XX_{n,3} := (Comp_{n,12}) · (-1)

XX_{1,4} := X_{1,2}

XX_{n,4} := X_{n,2}

FIG. 3

kxb:=15..15+Num_Meters

LR:=READPRN(lastrow)

Comp_{1,b}:=LR_b

cc:=2..rows(Comp)

lostsales_{kxb-14}:=if [(Gross=1), $\left[\left[\frac{(\text{Comp}_{2,kxb}) - (\text{Comp}_{1,kxb})}{\text{denom}} \right], \left[\frac{(\text{Comp}_{2,kxb}) - (\text{Comp}_{1,kxb})}{\text{denom}} \right] \cdot [1 + [(60 - \text{Comp}_{2,9}) \text{ ce}]] \right]$

Num_Meters

lsales:= $\sum_{j=1}^{\text{lostsales}_j}$

day:= [(Comp_{2,2})·(-1)]-[(Comp_{1,2})·(-1)]

lhour:=(23-Comp_{1,3})·3600

lmin:=(60+Comp_{1,4})·60

nhour:=Comp_{2,3}·3600

nmin:=[Comp_{2,4}·(-1)]·60

ltime:=if[day>0,((day-1)·86400)+lhour+lmin+nhour+nmin,if[day=0,[(Comp_{2,3}-Comp_{1,3})·3600]+lmin+nmin,-9999]]

Comp_{cc,11}:=Comp_{cc,11}+Comp_{1,11}+ltime

Comp_{cc,12}:=Comp_{cc,12}+Comp_{1,12}+lsales

FIG. 4

ROUTINE
OPERATION
100

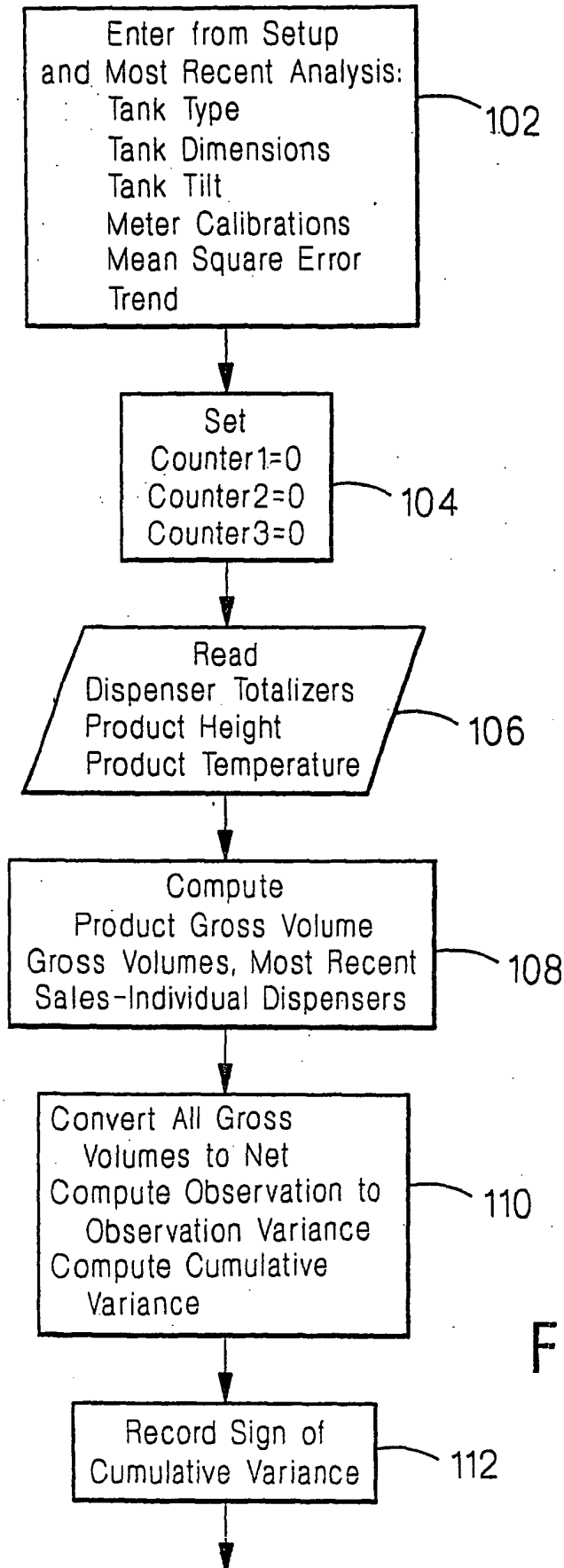


FIG. 5

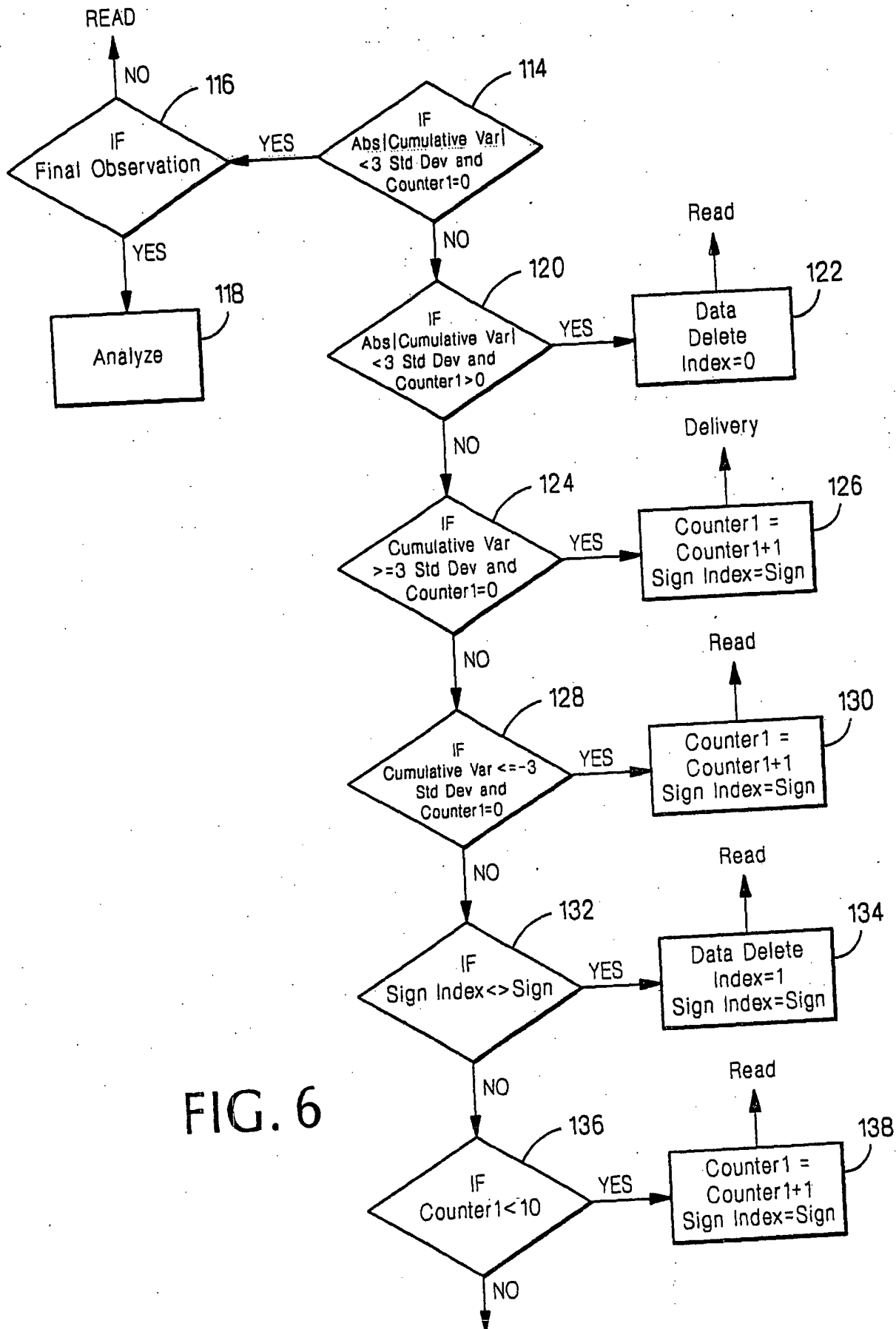


FIG. 6

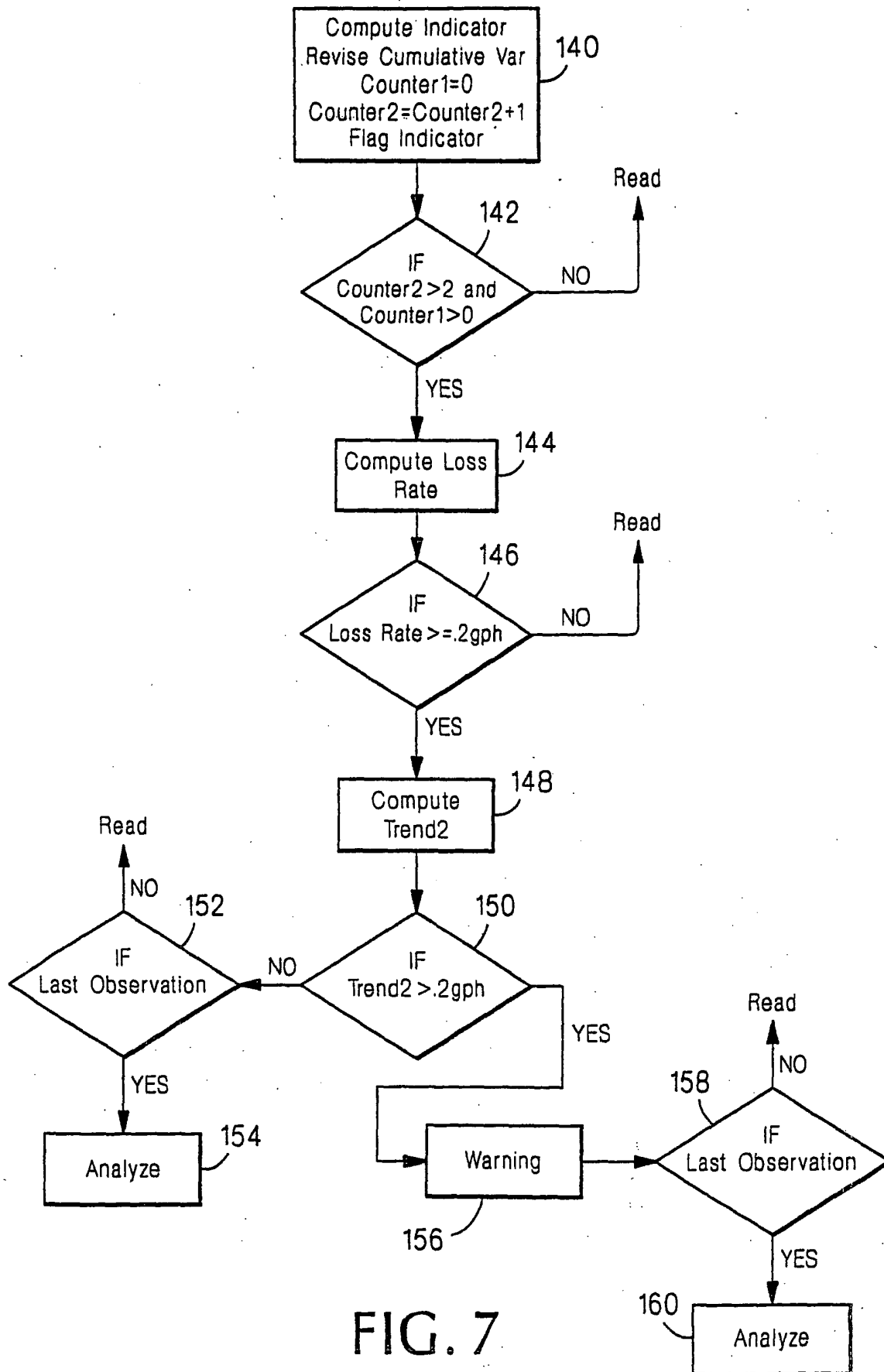


FIG. 7

DATA DELETE 170

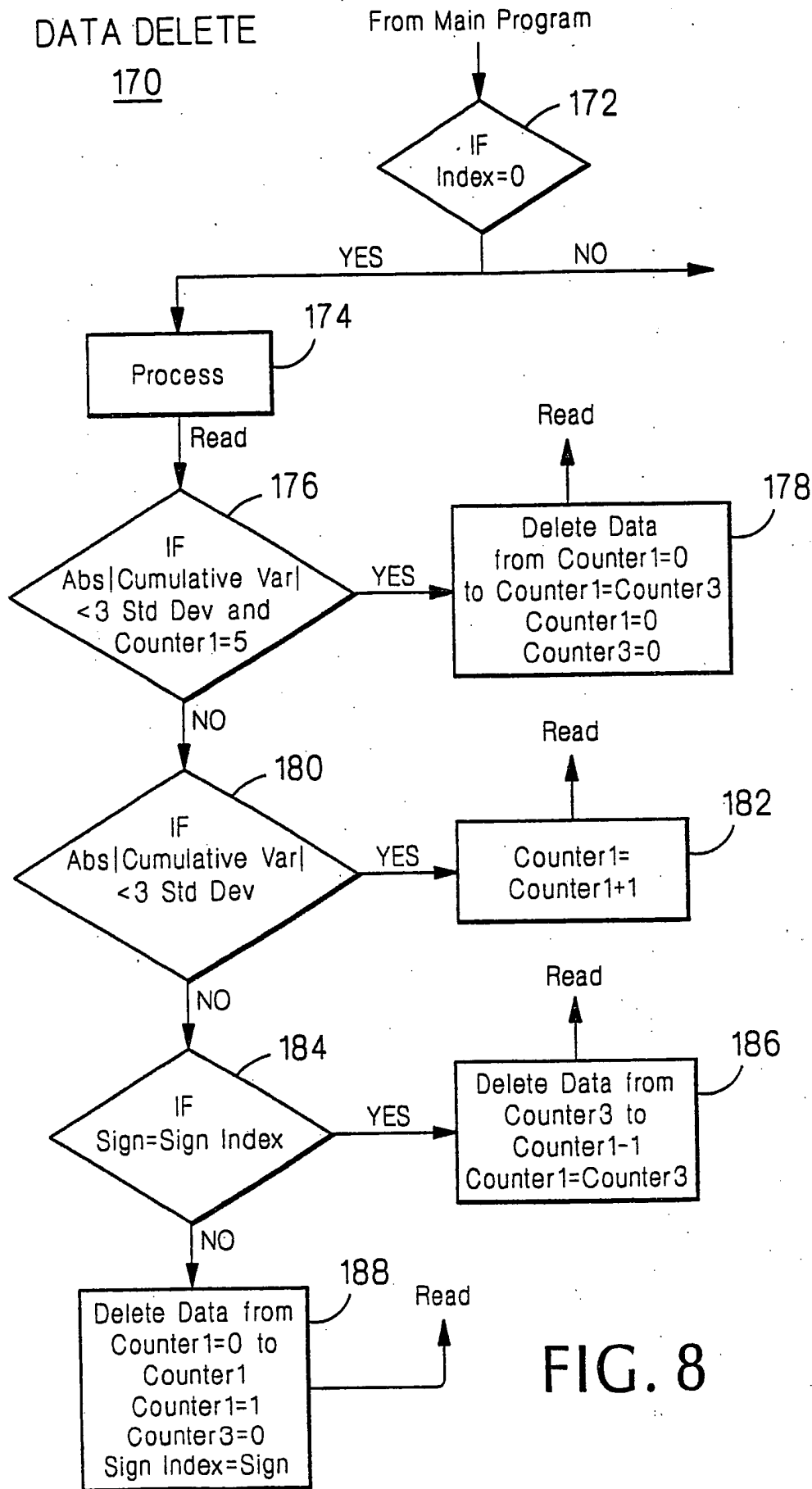


FIG. 8

DELIVERY CALCULATION

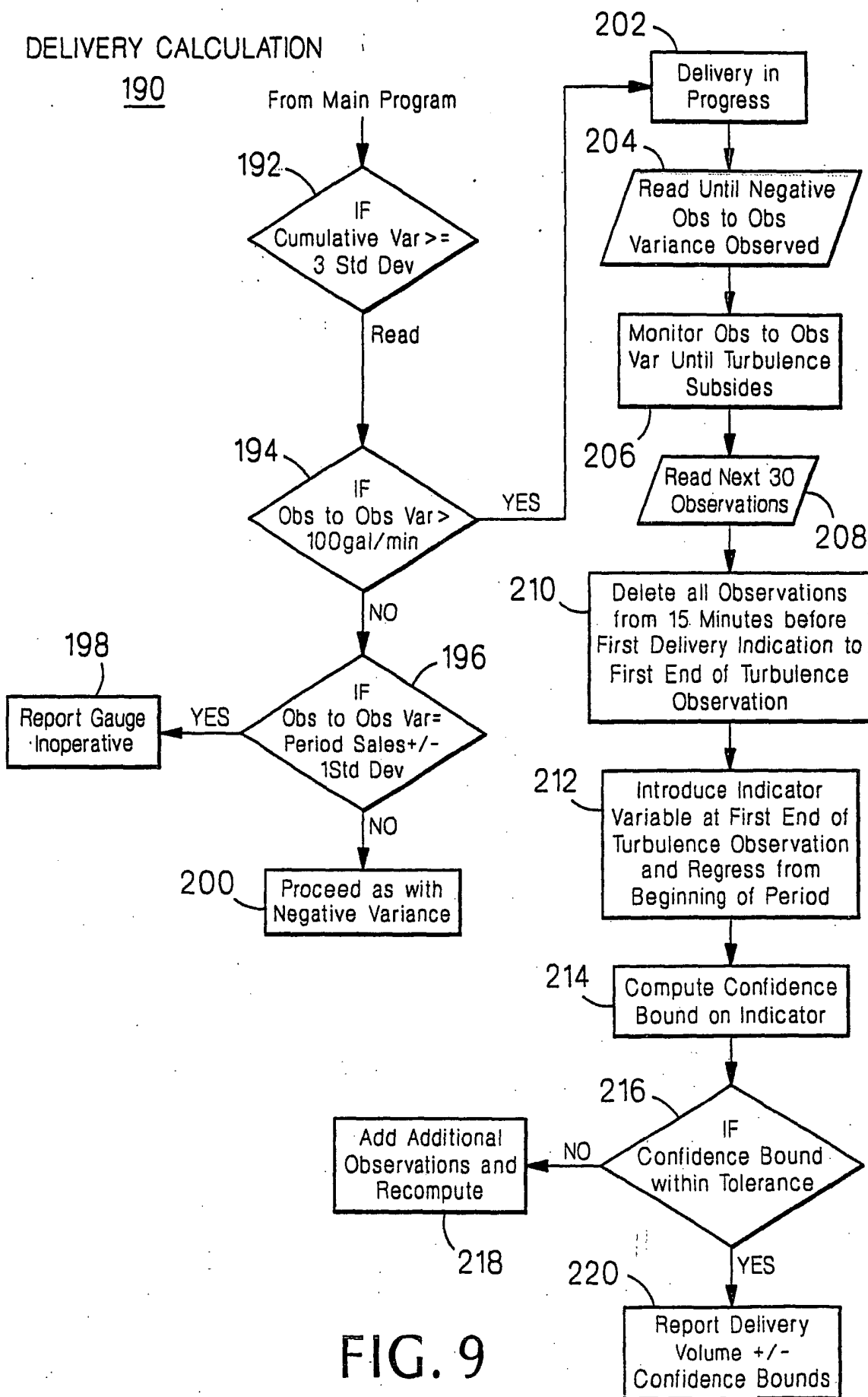


FIG. 9

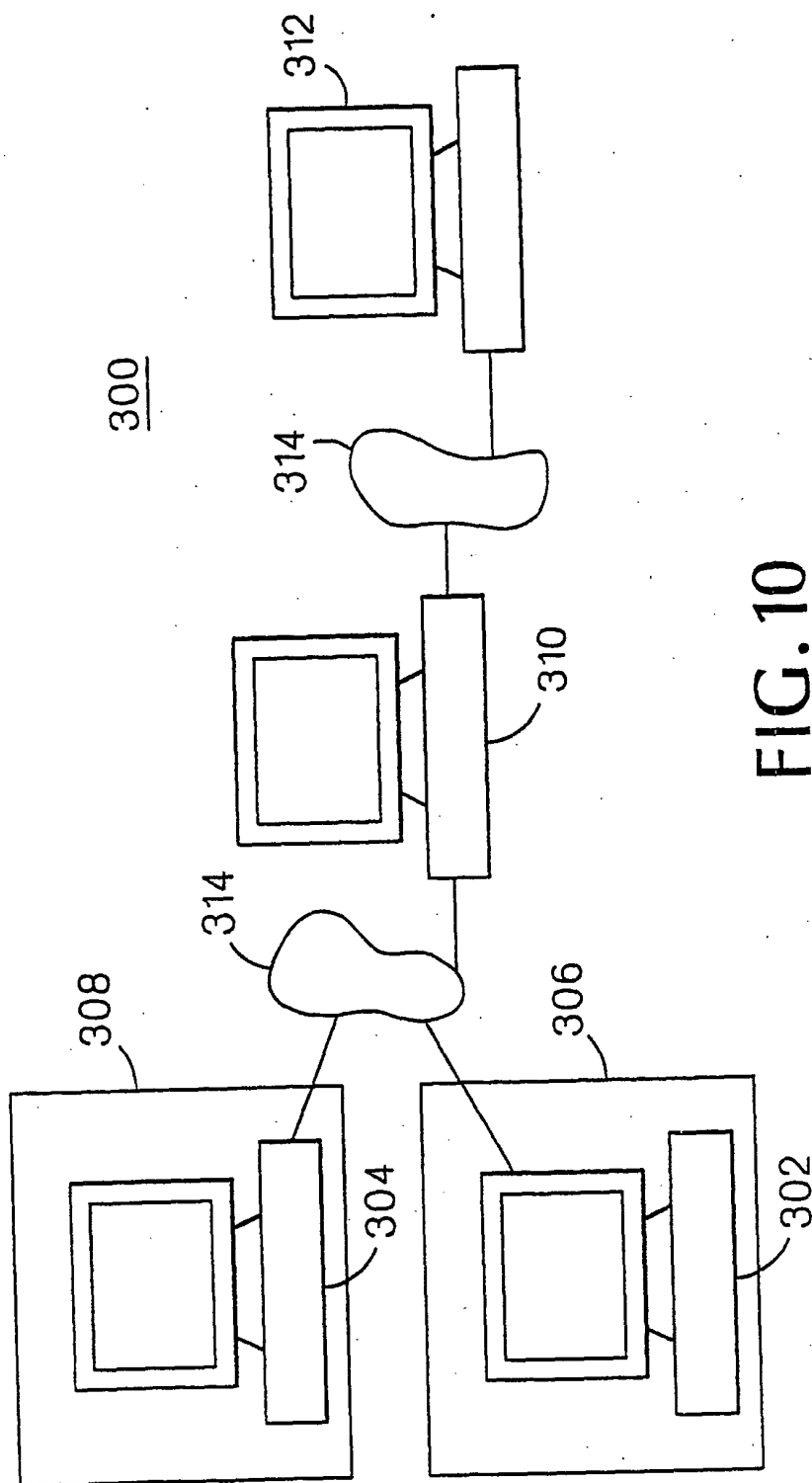


FIG. 10

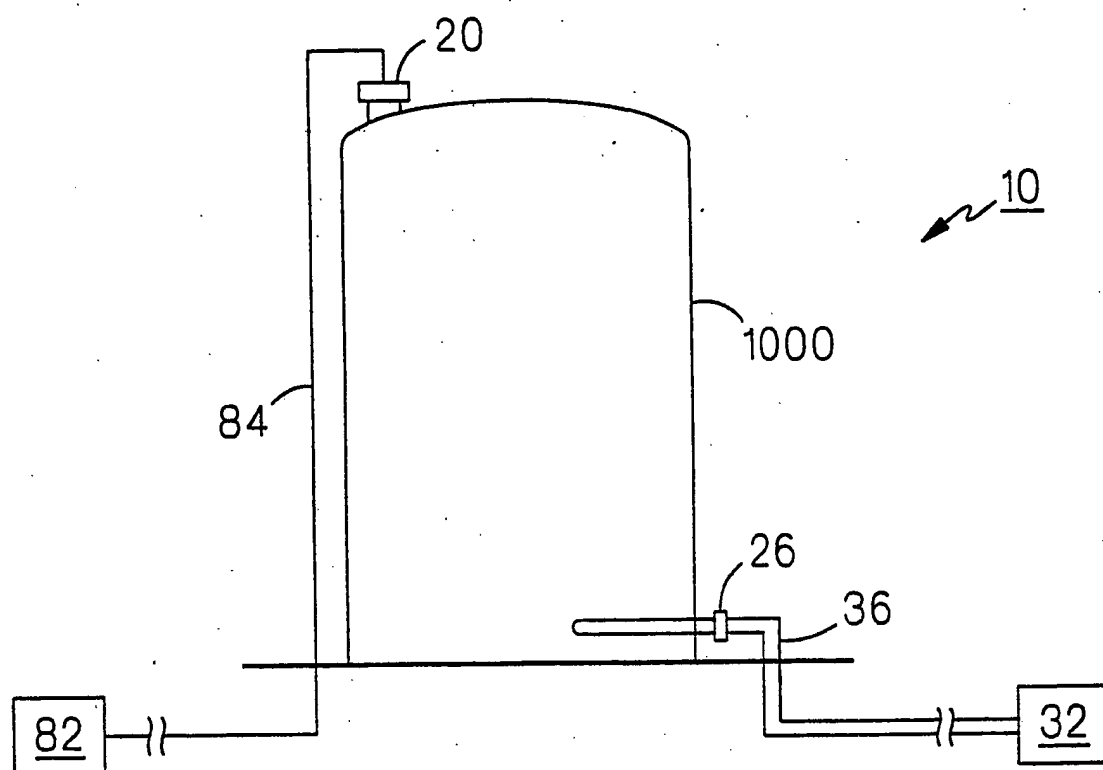


FIG. 11

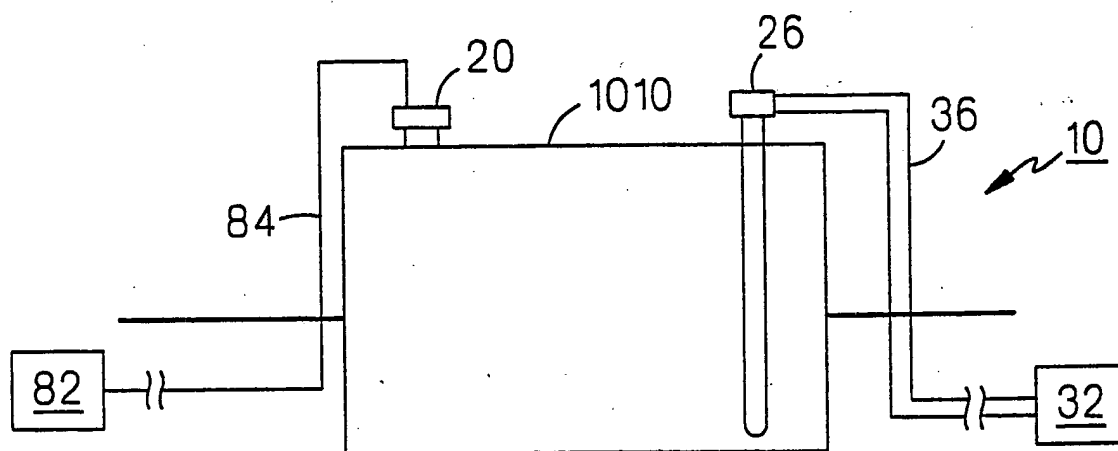


FIG. 12

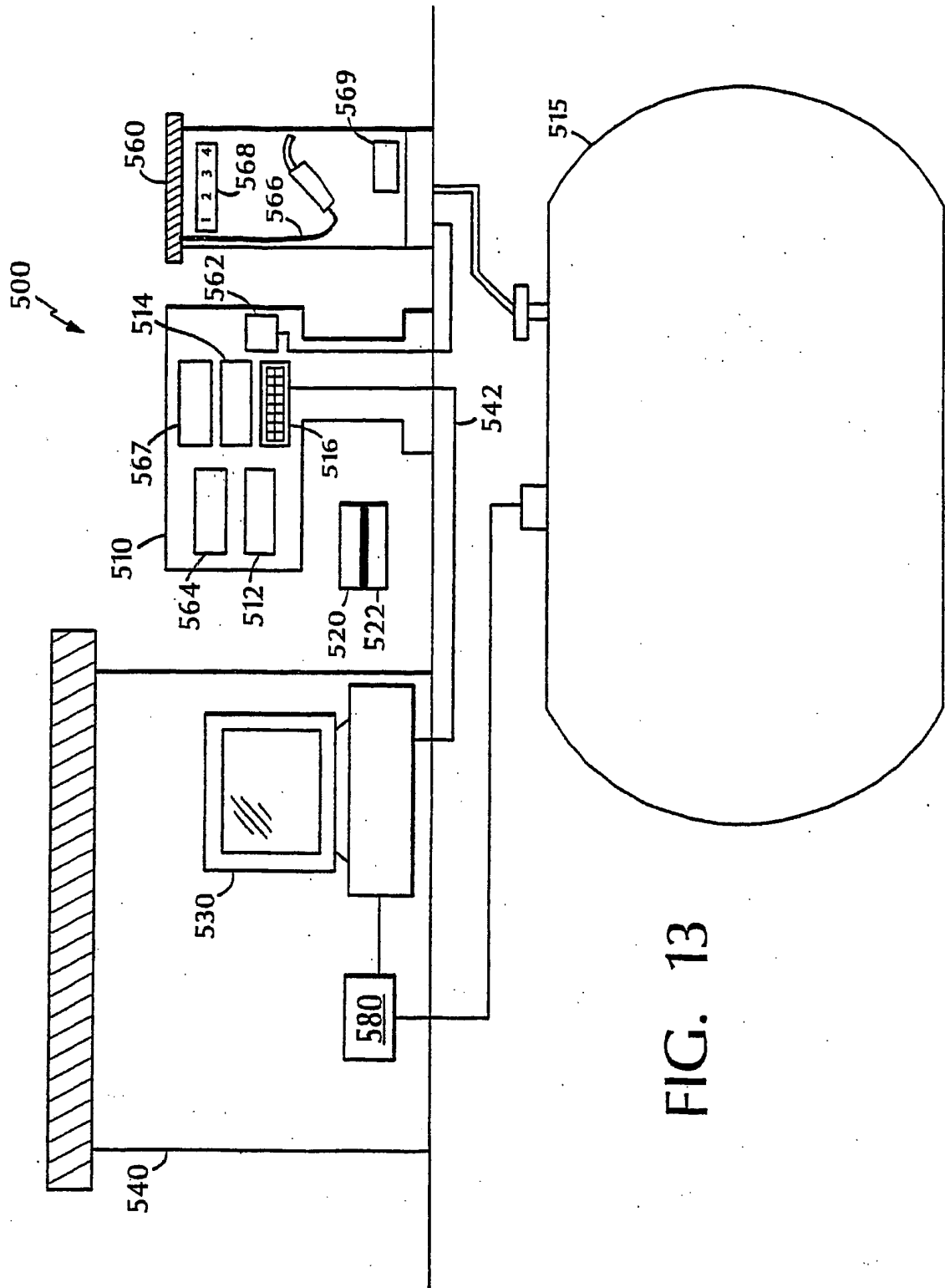


FIG. 13